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SEQUENCE LISTING

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<120> NS5B HCV Polymerase Inhibitors

<130> 018781-005810US

<140> US 09/828,270

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<160> 1

<170> PatentIn Ver. 2.1

<210> 1

<211> 591

<212> PRT

<213> Hepatitis C virus

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<223> HCV NS5B RNA-dependent RNA polymerase (RdRp)  
(EC 2.7.7.48)

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His His Ser Met Val Tyr Ser Thr Ser Arg Ser Ala Ser Leu Arg  
35 40 45  
Gln Lys Lys Val Thr Phe Asp Arg Leu Gln Val Leu Asp Asp His Tyr  
50 55 60  
Arg Asp Val Leu Lys Glu Met Lys Ala Lys Ala Ser Thr Val Lys Ala  
65 70 75 80  
Arg Leu Leu Ser Ile Glu Glu Ala Cys Lys Leu Thr Pro Pro His Ser  
85 90 95  
Ala Lys Ser Lys Phe Gly Tyr Gly Ala Lys Asp Val Arg Ser Leu Ser  
100 105 110  
Ser Arg Ala Val Asn His Ile Arg Ser Val Trp Glu Asp Leu Leu Glu  
115 120 125  
Asp Thr Glu Thr Pro Ile Asp Thr Thr Ile Met Ala Lys Asn Glu Val  
130 135 140  
Phe Cys Val Gln Pro Glu Lys Gly Gly Arg Lys Pro Ala Arg Leu Ile  
145 150 155 160  
Val Phe Pro Asp Leu Gly Val Arg Val Cys Glu Lys Met Ala Leu Tyr  
165 170 175  
Asp Val Val Ser Thr Leu Pro Gln Ala Val Met Gly Pro Ser Tyr Gly  
180 185 190  
Phe Gln Tyr Ser Pro Gly Gln Arg Val Glu Phe Leu Val Asn Thr Trp  
195 200 205  
Lys Ser Lys Lys Cys Pro Met Gly Phe Ser Tyr Asp Thr Arg Cys Phe  
210 215 220

Asp Ser Thr Val Thr Glu Asn Asp Ile Arg Thr Glu Glu Ser Ile Tyr  
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 Gln Cys Cys Asp Leu Ala Pro Glu Ala Arg Gln Ala Ile Arg Ser Leu  
 245 250 255  
 Thr Glu Arg Leu Tyr Val Gly Gly Pro Leu Thr Asn Ser Lys Gly Gln  
 260 265 270  
 Asn Cys Gly Tyr Arg Arg Cys Arg Ala Ser Gly Val Leu Thr Thr Ser  
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 Cys Gly Asn Thr Leu Thr Cys Tyr Leu Lys Ala Thr Ala Ala Cys Arg  
 290 295 300  
 Ala Ala Lys Leu Gln Asp Cys Thr Met Leu Val Asn Gly Asp Asp Leu  
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 Val Val Ile Cys Glu Ser Ala Gly Thr Gln Glu Asp Ala Ala Ala Leu  
 325 330 335  
 Arg Ala Phe Thr Glu Ala Met Thr Arg Tyr Ser Ala Pro Pro Gly Asp  
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 Pro Pro Gln Pro Glu Tyr Asp Leu Glu Leu Ile Thr Ser Cys Ser Ser  
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 Asn Val Ser Val Ala His Asp Ala Ser Gly Lys Arg Val Tyr Tyr Leu  
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 Thr Arg Asp Pro Thr Thr Pro Leu Ala Arg Ala Ala Trp Glu Thr Val  
 385 390 395 400  
 Arg His Thr Pro Val Asn Ser Trp Leu Gly Asn Ile Ile Met Tyr Ala  
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 Pro Thr Leu Trp Ala Arg Met Ile Leu Met Thr His Phe Phe Ser Ile  
 420 425 430  
 Leu Leu Ala Gln Glu Gln Leu Glu Lys Ala Leu Asp Cys Gln Ile Tyr  
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 Gly Ala Cys Tyr Ser Ile Glu Pro Leu Asp Leu Pro Gln Ile Ile Glu  
 450 455 460  
 Arg Leu His Gly Leu Ser Ala Phe Ser Leu His Ser Tyr Ser Pro Gly  
 465 470 475 480  
 Glu Ile Asn Arg Val Ala Ser Cys Leu Arg Lys Leu Gly Val Pro Pro  
 485 490 495  
 Leu Arg Val Trp Arg His Arg Ala Arg Ser Val Arg Ala Lys Leu Leu  
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 Ser Gln Gly Gly Arg Ala Ala Thr Cys Gly Lys Tyr Leu Phe Asn Trp  
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 Ala Val Lys Thr Lys Leu Lys Leu Thr Pro Ile Pro Ala Ala Ser Gln  
 530 535 540  
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